

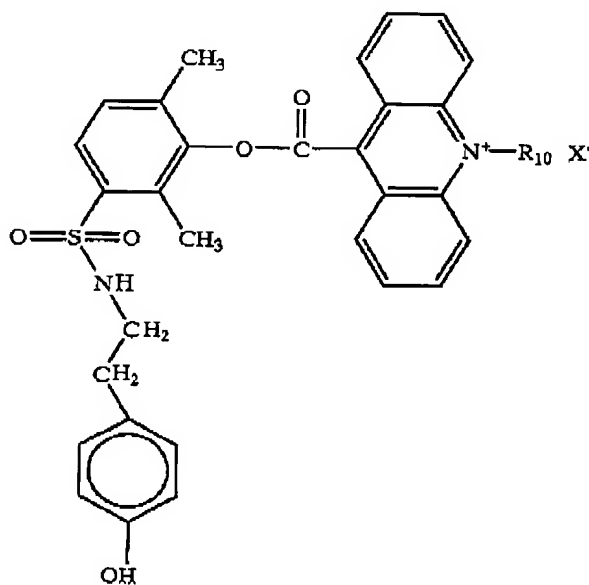
Applicant: Miller et al.
Serial No.: 10/805,838
Filed: March 22, 2004
Page 3 of 6

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

- 1-14. (Cancelled)
15. (New) A method for detecting an analyte of a sample, comprising the steps of:
contacting a compound with the analyte; and
detecting the presence of the compound,
wherein the compound has the formula



and wherein R_{10} is methyl or $(\text{CH}_2)_3\text{SO}_3$.

Applicant: Miller et al.
Serial No.: 10/805,838
Filed: March 22, 2004
Page 4 of 6

16. (New) The method of claim 15, further comprising a step of exposing the compound to an enzyme.

17. (New) The method of claim 16, wherein the enzyme is horseradish peroxidase.

18. (New) The method of claim 16, wherein the enzyme is coupled to an antibody.

19. (New) The method of claim 15, wherein the steps are performed at a basic pH.

20. (New) The method of claim 19, wherein the pH is between about 7 and about 8.5.

21. (New) The method of claim 15, wherein the detecting step comprises measuring the amount of the compound.

22. (New) The method of claim 15, wherein the detecting step comprises measuring a chemiluminescent signal.

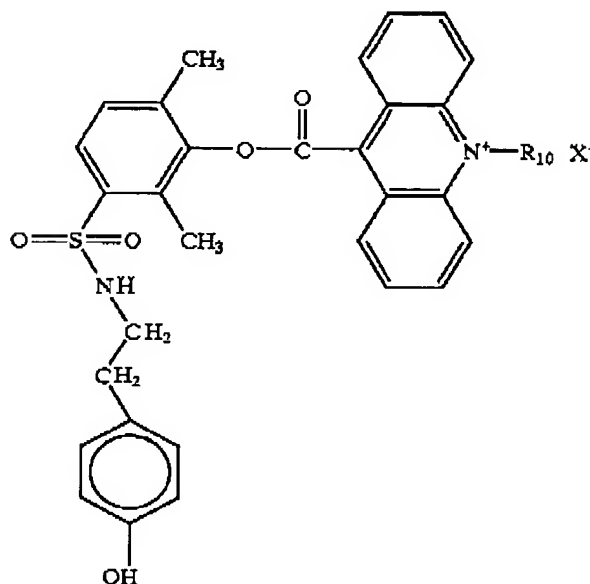
23. (New) The method of claim 22, wherein the chemiluminescent signal is measured at a wavelength of 360 nm

24. (New) The method of claim 15, further comprising a step of immobilizing the analyte on a substrate.

25. (New) The method of claim 23, wherein the substrate comprises magnetic particles.

Applicant: Miller et al.
Serial No.: 10/805,838
Filed: March 22, 2004
Page 5 of 6

26. (New) A composition for detecting an analyte in a sample, comprising:
a compound having the formula



wherein R₁₀ is methyl or (CH₂)₃SO₃.

27. (New) The composition of claim 26, wherein the composition is a liquid.
28. (New) The composition of claim 26, wherein the composition has a pH of about 5 to about 7.
29. (New) The composition of claim 28, wherein the compound has a shelf life of at least six months.